ACCELERATED LEARNING PROGRAMME (ALP)
LAHORE, SAHIWAL, GUJRANWALA, FAISALABAD, MULTAN, BHAWALPUR,RAWALPINDI , DERA GHAZI KHAN, AZAD KAHSMIR , SARGODHA

11^{th} CLASS MATHEMATICS GUESS PAPERS

UNIT NO. 1	**NUMBER SYSTEM.**	
EXERCISE NO.	**QUESITONS.**	
1.1	Q.1	(iii)
1.2	Q.15	(i)
1.3	Q.2	(iii)
	Q.6	(i)

UNIT NO. 2	**SET, FUNCTION AND GROUPS**	
2.4	Q.1	(i)
	Q.2	(ii)
Define group		
2.8	Q.5	

UNIT NO.3	**MATRICES AND DETERMINATES**	
3.1	Q.3	(i)
	Q.9	
3.2	Q.2	(ii)
Define co factor and element.		
3.3	Q.6	(iii)
3.3	Q.3	(iii), (iv), (xi),
	Q.5	(i) , (iii), (v), (vii)
	Q.8	
	Q.9	
	Q.11	(i)
	Q.15	
	Q. 17	
Define Rank and matrix		
3.4	Q.8	
Cramer's rule		Example No. 3
3.4	Q.10	(ii)
3.5	Q.1	(i)
	Q.2	(i)

	Q.3 (i)

UNIT NO. 4	**QUADRATIC EQUASTIONS.**
4.1	Q.5
	Q.8 Example -6 (page-406) Example -4 (page-145)
	Q.17
4.2	Q.10
	Q.14
	Q.24
4.3	Q.5
	Q.12 Three cube roots of Unity
4.4	Q. 3 (i), (iii)
	Q. 5
4.4	Q.2 (i)
4.5	Q.16
4.6	Q. 2
	Q.3 (ii)
	Q.4
	Q.6
	Q.9 Nature Of The Roots of a & Quadratic Equation
4.6	Q,1 (i) , (ii)
4.7	Q. 5
	Q.8
4.7	Q.3 (i)
4.8	Q.5
4.9	Q.5
	Q.8
4.10	Q.5
4.10	Q.13
	Q.17

UNIT NO. 5	**PARTIAL FRACTIONS.**
5.1	Define partial fraction
	Define identity give example.
	Define proper and Improper fraction.
5.1	Q. 10

5.2	Q. 10	
5.2	Q.4	
5.3	Q.6	
5.3	Q.9	

UNIT NO. 6 SEQUENCES AND SERIES.

6.1	Q.1	(i) , (v)
	Q.2	(i)
6.2	Q.8	and example -1
6.4	Q.3	(i)
6.6	Q.1	

Insert two geometric mean between 1 and 8

Insert two geometric mean between 2 and 16

6.8	Q.5	(iii)
	Q.6	(iv)
6.8	Q.3	(ii)
	Q.8	
6.10	Q.4	(ii)
	Q.18	
6.11	Q.11	
	Q.12	

UNIT NO.7 PERMUTATION, COMBINATION AND PROBABILITY.

7.1	Q.1	(ix)
	Q.2	(v)
7.2	Q.2	(i)
	Q.3	(i),(ii)
	Q.6	
	Q.9	Example No. 1 Pae No. 237
7.3	Q.1	(iv)
	Q.5	
	Q.7	Example No. 3 –Page -241

How many arrangement of the letter of mathematics taken all together can be made?

7.4	Q.1	(iii)
	Q.3	(i)
	Q.4	

Q.9

How many diagnosis of a sided figures.

Define probility.

Q.10

What is sample space and events?

7.5 Q.3

7.7 Q.5

Q.8 Example -2 Page No. 258

UNIT NO.8 MATHEMATICAL INDUCTIONA DNA BINOMIAL THEOREM.

8.2 State principle of mathematical induction.

Q.2 (i), (ii)

Q.7 (i)

Q.8

Q.9 (i)

8.3 Q.1 (i) , (iv), (v)

Q.4 (iv)

Q.12

Q.13

UNIT NO. 9 FUNDAMENTALS OF TRIGONOMETRY.

9.1 Q.3 and Example -4

Q.5

Prove any one of the fundamental dentition of trigonometry

9.2 Q.7

9.3 Q.1 (iii, iv)

Q.4 (ii)

9.4 Q.8

Q.15

Q.21

UNIT NO. 10 TRIGONOMETRIC IDENTITIES.

10.1 Q.3 (iii)

	Q.5	(iii)
10.2	Q.2	(v)
	Q.4	(i ,ii)
10.3	Q.3	
10.4	Q.3	(ii)
	Q.4	(iii)

UNIT NO. 11 TRIGONOMETRIC FUNCTIONS AND THEIR GRAPHS.

11.1	Q.7
	Q.9
	Q.15

UNIT NO. 12 APPLICATION OF TRIGONOMETRY.

Define the terms angel of elevation and angle of depression
State law of cosines.

12.4	Q.1	
	Q.3	
12.7	Q.1	(ii)
	Q.2	(i)
	Q.4	

UNIT NO. 13 INVERSE TRIGONOMETRIC FUNCTIONS.

13.1	Q.2	(iii)
13.2	Q.1,	
	Q.2.	
	Q.6	
	Q.12	
	Q.19	
13.6	Example NO. 4	

UNIT NO. 14 SOLUTION OF TRIGNOMETRIC EQUATION

Define trigonometric equation.
Example -3 (i), (ii)
Q.1 (i), (ii), (iii) , (iv)
Q.2 (iii)